AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in this application:

LISTING OF CLAIMS:

Claim 1 (Original): A double metal cyanide (DMC) catalyst comprising:
at least one double metal cyanide compound;
at least one organic complexing ligand lacking fluorine atoms; and
at least one fluorine-containing complexing ligand.

Claim 2 (Original): The double metal cyanide (DMC) catalyst according to Claim 1, further comprising water and/or at least one water-soluble metal salt.

Claim 3 (Original): The double metal cyanide (DMC) catalyst according to Claim 1, wherein the double metal cyanide compound comprises zinc hexacyanocobaltate(III).

Claim 4 (Original): The double metal cyanide (DMC) catalyst according to Claim 1, wherein the organic complexing ligand comprises tert.-butanol.

Claim 5 (Original): The double metal cyanide (DMC) catalyst according to Claim 1, wherein the catalyst comprises from about 1 to about 80 wt.% of one or more fluorine-containing complexing ligands.

Claim 6 (Original): A process for the preparation of a DMC catalyst, comprising the steps of:

forming a catalyst by reacting in aqueous solution

at least one metal salt with at least one metal cyanide salt,

at least one organic complexing ligand lacking fluorine atoms,

and one or more fluorine-containing complexing ligands;

isolating the catalyst;

washing the catalyst; and

optionally,

drying the catalyst.

Claims 7 and 8 (Cancelled).

Claim 9 (New): A double metal cyanide (DMC) catalyst comprising:

at least one double metal cyanide compound;

at least one organic complexing ligand lacking fluorine atoms; and

at least one fluorine-containing complexing ligand chosen from

fluorinated alcohols, fluorinated ethers, fluorinated aldehydes, fluorinated ketones, fluorinated acetals, fluorinated carboxylic acid esters, fluorinated carboxylic acid amides, fluorinated carboxylic acid nitriles and fluorinated phosphorus compounds.

Claim 10 (New): The double metal cyanide (DMC) catalyst according to Claim 9, further comprising water and/or at least one water-soluble metal salt.

Claim 11 (New): The double metal cyanide (DMC) catalyst according to Claim 9, wherein the double metal cyanide compound is zinc hexacyanocobaltate(III).

Claim 12 (New): The double metal cyanide (DMC) catalyst according to Claim 9, wherein the organic complexing ligand is tert.-butanol.

Claim 13 (New): The double metal cyanide (DMC) catalyst according to Claim 9, wherein the catalyst comprises from about 1 to about 80 wt.% of one or more fluorine-containing complexing ligands.

Claim 14 (New): A process for the preparation of a DMC catalyst, the process comprising:

forming a catalyst by reacting in aqueous solution

at least one metal salt with at least one metal cyanide salt,

at least one organic complexing ligand lacking fluorine atoms, and

at least one fluorine-containing complexing ligand chosen from fluorinated alcohols, fluorinated ethers, fluorinated aldehydes, fluorinated ketones, fluorinated acetals, fluorinated carboxylic acid esters, fluorinated carboxylic acid amides, fluorinated carboxylic acid nitriles and fluorinated phosphorus compounds;

isolating the catalyst;

washing the catalyst; and

optionally,

drying the catalyst.